

## COIN CATAPULT DEVICE FOR USE IN AN AMUSEMENT GAME

### ABSTRACT

A catapult device for hurling objects towards a target includes a support  
5 structure and a pivot bracket pivotally mounted on the support structure and  
provided with a bearing arrangement. A lever arm is pivotally connected to the  
support structure and is engageable with the pivot bracket. A spring-biased motion  
translation arrangement is coupled to the lever arm and is engageable with the  
bearing arrangement on the pivot bracket. A pivot arm is pivotally secured to the  
10 support structure and the motion translation arrangement. The pivot arm is  
provided with a receiver for holding an object to be hurled. Pivotal movement of  
the lever arm develops a spring force in the motion translation arrangement and  
enables the pivot bracket to pivot such that the motion translation arrangement  
moves along the bearing arrangement, and releases the spring force causing the  
15 pivot arm to swing and hurl the object.